

DERWENT-ACC-NO: 2000-519099
DERWENT-WEEK: 200047
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TITLE: Dust cleaning mechanism in copier, printer, has
collection unit to
collect dusts formed when cutting blade cuts roll paper and
cleaning portion to
remove forcibly the dust adhered to cutting blade

PATENT-ASSIGNEE: COPYER KK[COPY]

PRIORITY-DATA: 1998JP-0374882 (December 28, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES	MAIN-IPC	
JP 2000198607	July 18, 2000	N/A
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A

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP2000198607A	N/A	1998JP-0374882
December 28, 1998		

INT-CL (IPC): B65H035/04; G03G021/00

ABSTRACTED-PUB-NO: JP2000198607A

BASIC-ABSTRACT: NOVELTY - One end of a folded ventilation
flue is connected to
a cutter head slide (120) which cuts the roll paper using
cutting blade, while
moving in a predetermined direction. A collection unit
(140) attracts and
collects dusts formed when cutting blade cuts the roll
paper. A cleaning
portion removes forcibly the dust adhered to cutting blade
and the dust is then
collected in the housing.

USE - In copier, printer, plotter, facsimile.

ADVANTAGE - Since dust is collected via folded ventilation

flue, dust once
collected does not return again. Since the dust adhering
to cutting blade is
wiped off and dust generated by cutting roll paper is
reliably collected,
inferior cut is prevented. So image quality is improved.

DESCRIPTION OF DRAWING(S) - The figure shows the control
block diagram of
cutter.

Cutter head slide 120

Collection unit 140

CHOSEN-DRAWING: Dwg.7/9

TITLE-TERMS:

DUST CLEAN MECHANISM COPY PRINT COLLECT UNIT COLLECT DUST
FORMING CUT BLADE CUT
ROLL PAPER CLEAN PORTION REMOVE DUST ADHERE CUT BLADE

DERWENT-CLASS: P84 Q36 S06 T04 W02

EPI-CODES: S06-A10; T04-G06; W02-J05;

SECONDARY-ACC-NO:

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